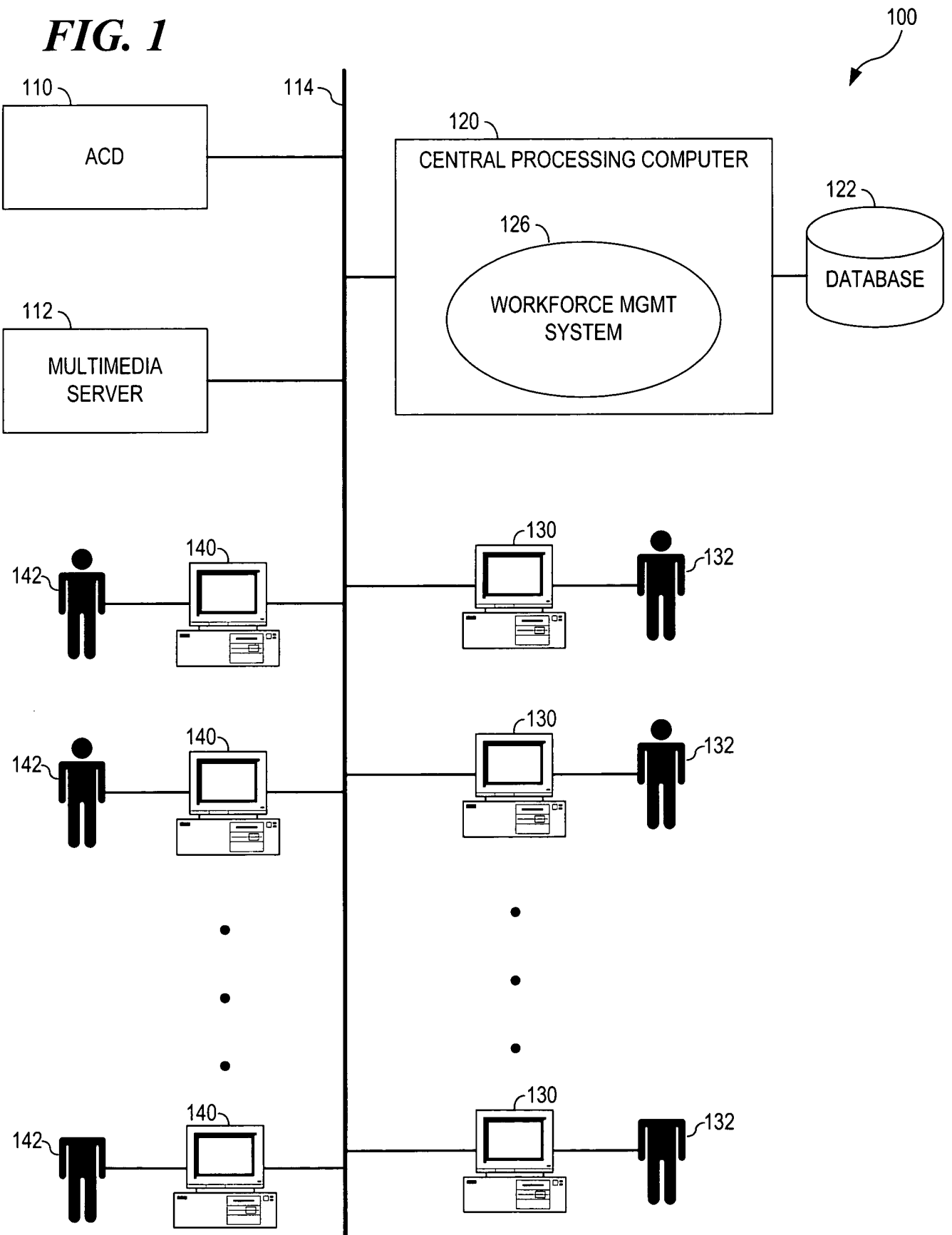
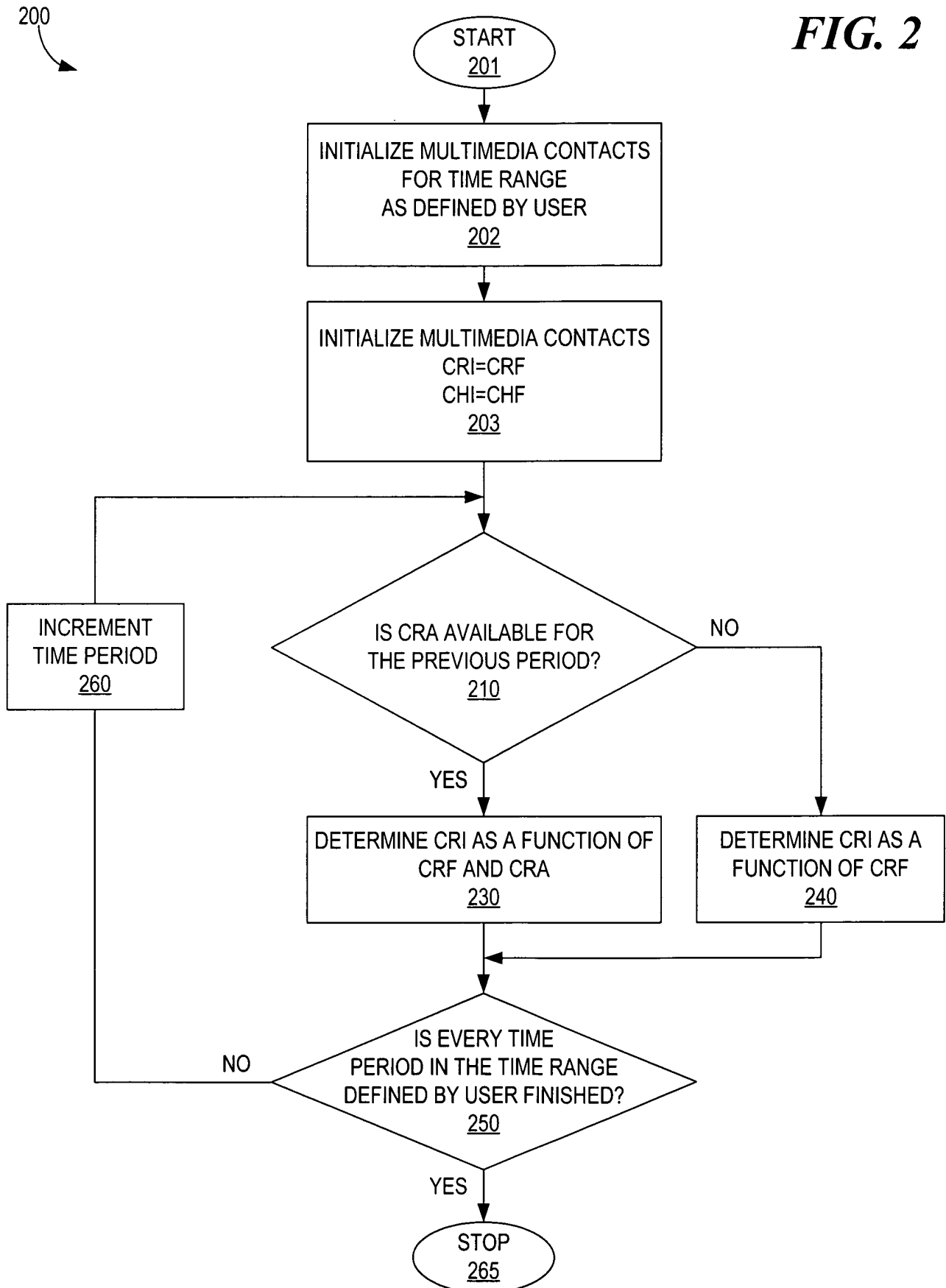


FIG. 1



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FIG. 2

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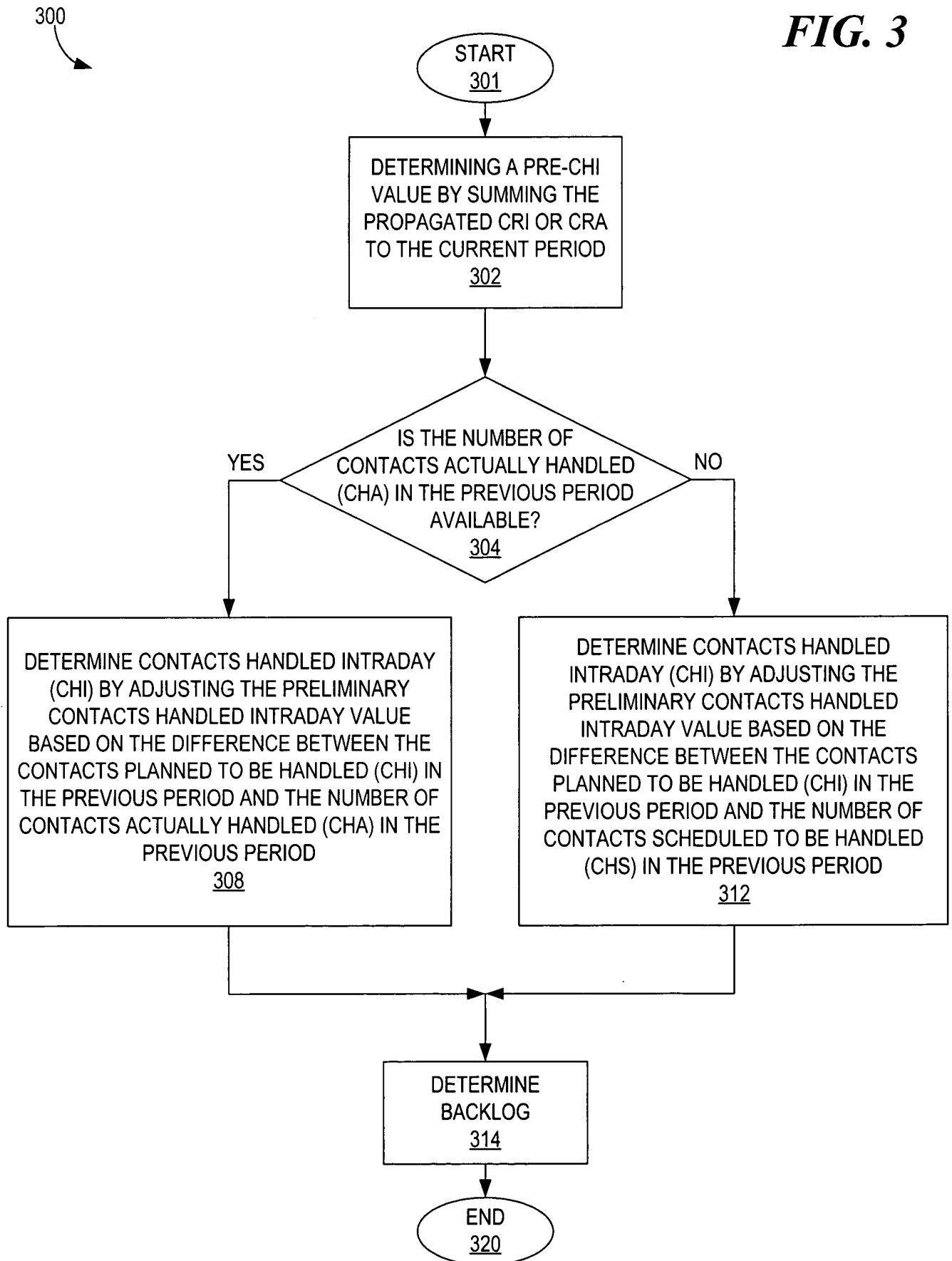
FIG. 3

FIG. 4

400

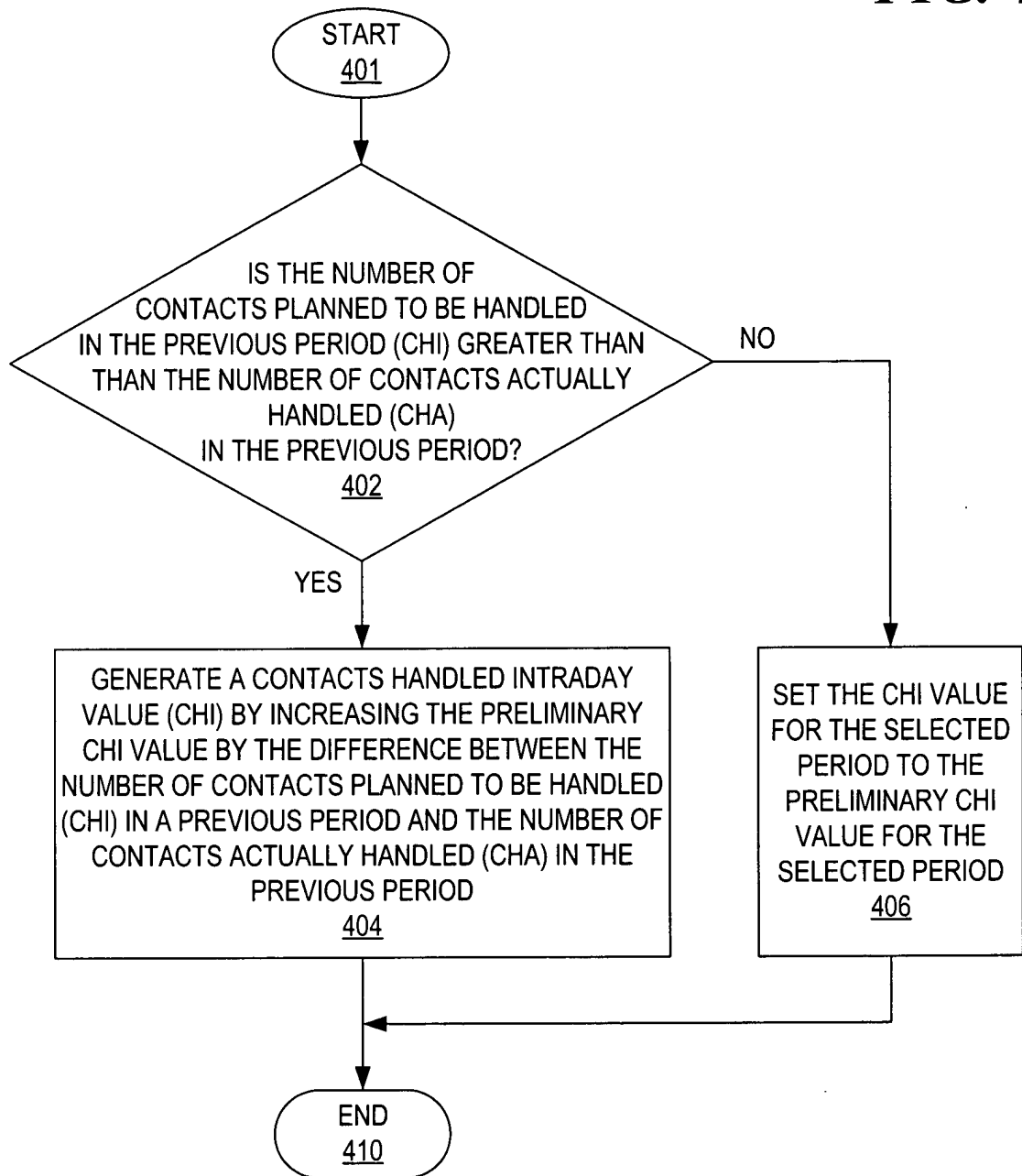
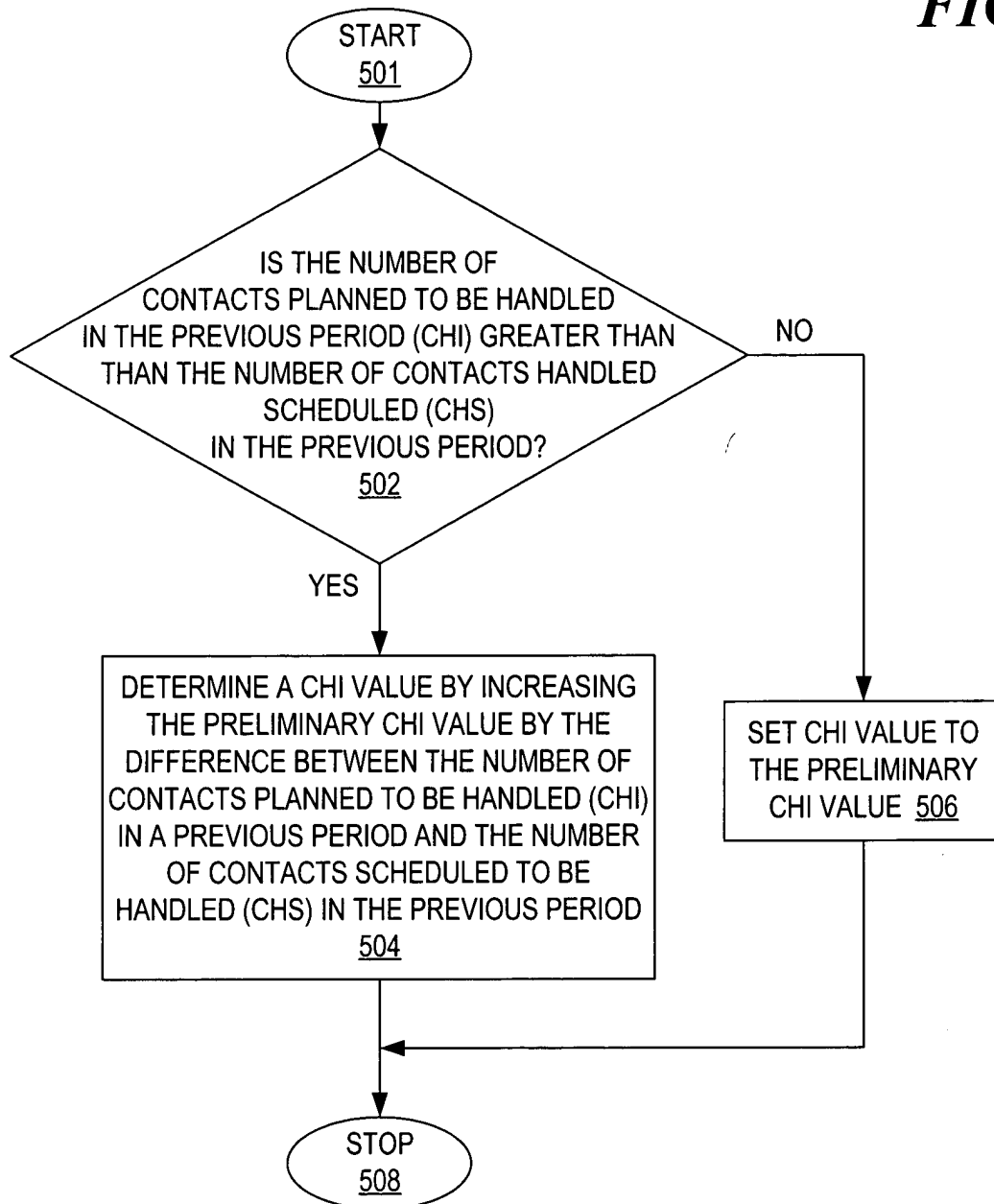


FIG. 5

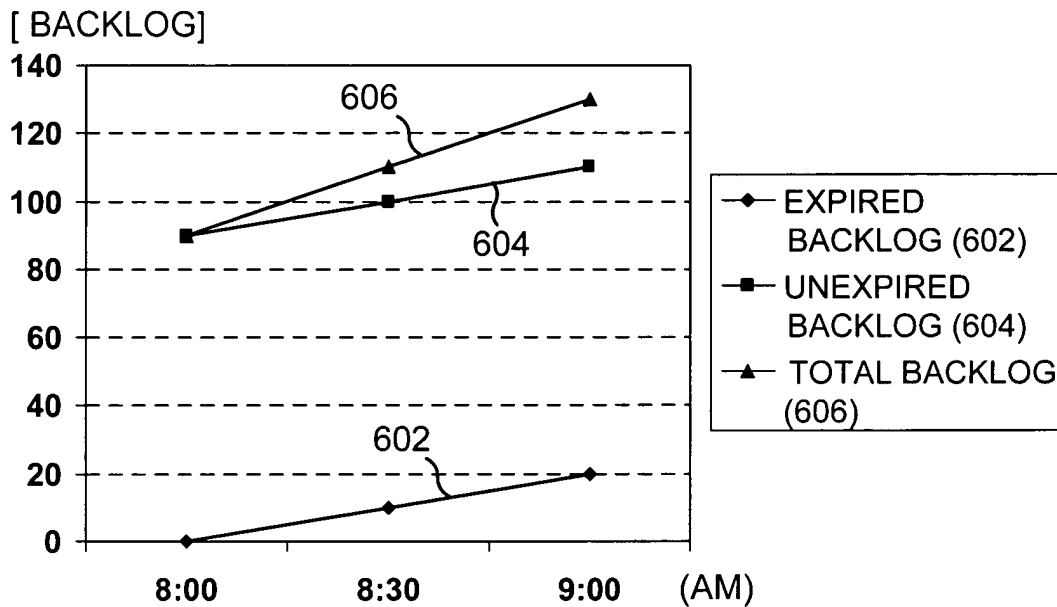
500



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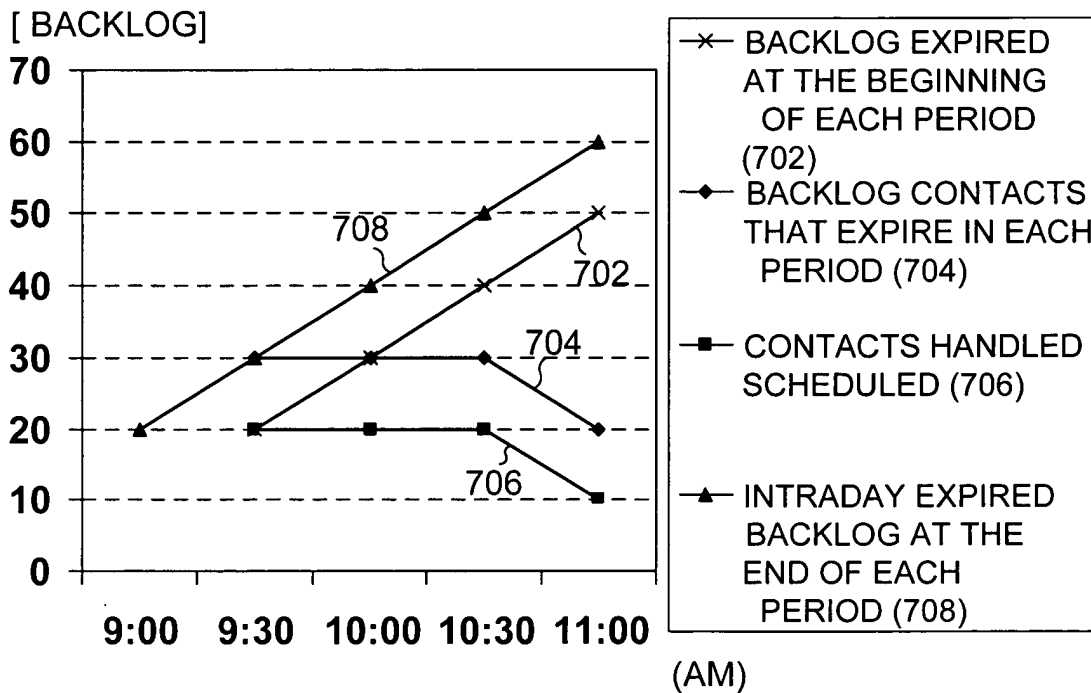
600 ↘

FIG. 6



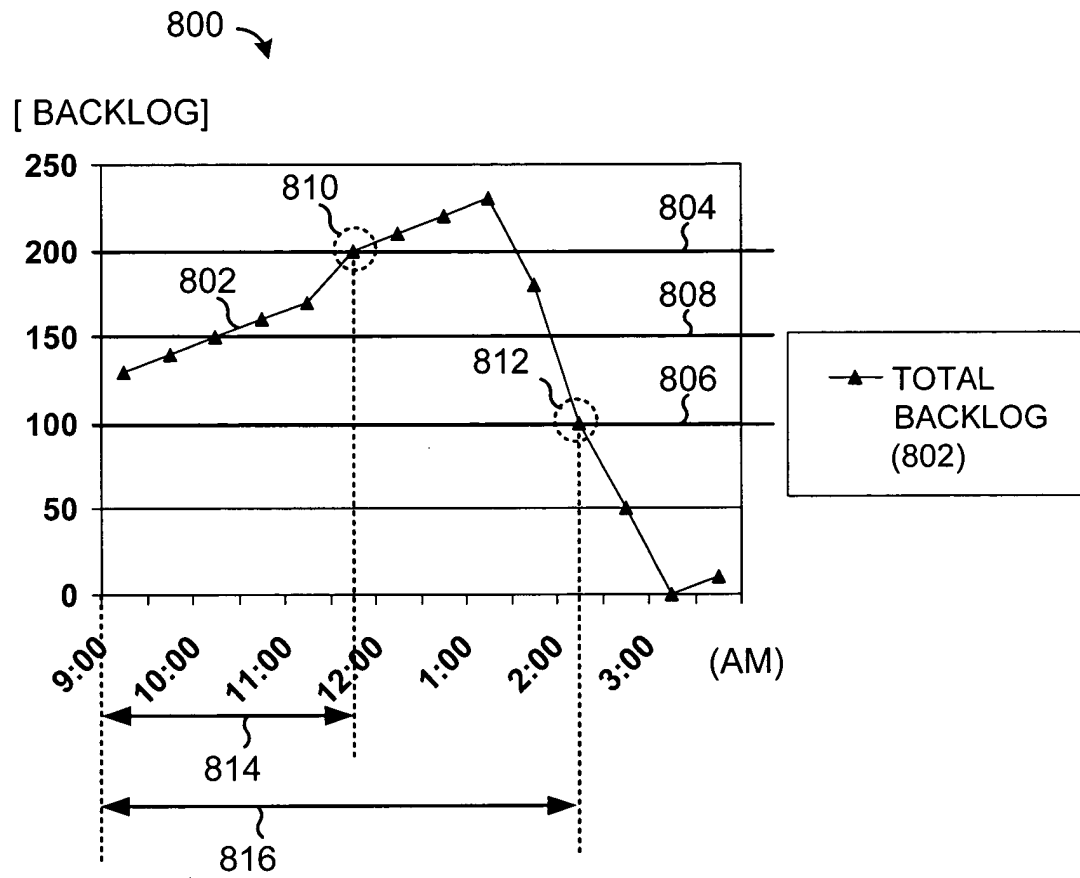
700 ↘

FIG. 7



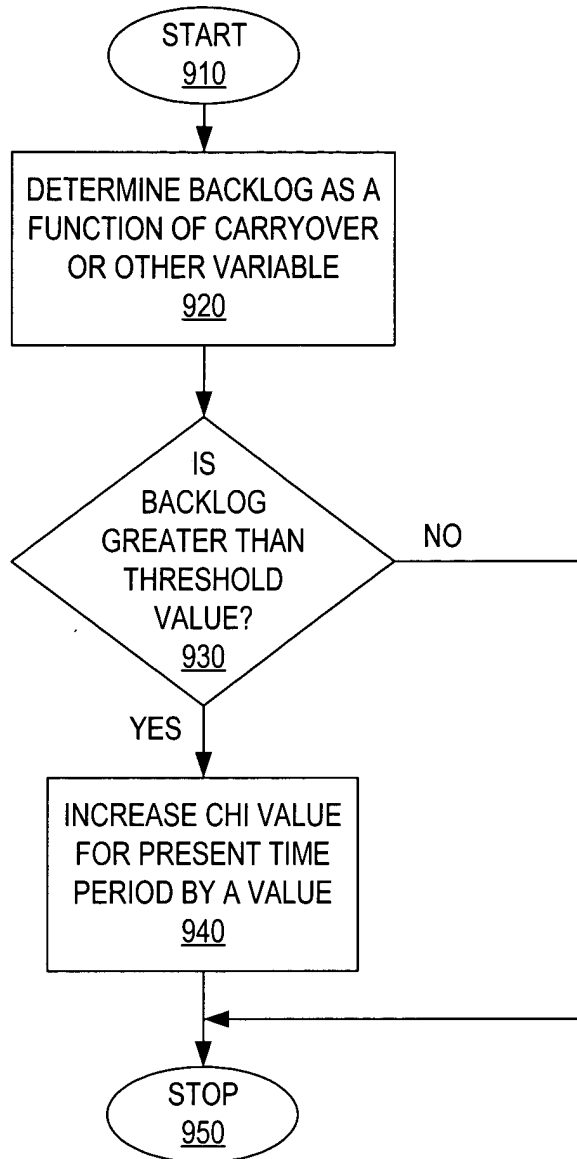
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FIG. 8



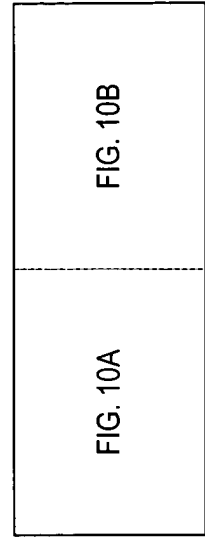
900

FIG. 9



PERIOD	CRF	CRA	CRI	CHF	CHA	PreCHI	CHS	CHI	CARRY OVER	CRA/ CHI?	PROPAGATED CRI					
											6:30 AM	7:00 AM	7:30 AM	8:00 AM	8:30 AM	9:00 AM
6:30 AM											25	25	25	25		
7:00 AM												23	23	23	23	
7:30 AM									0	CRI			20	20	20	20
8:00 AM	96		96	92		92	94	92	0	CRI				24	24	24
8:30 AM	76		76	86		86	94	86	0	CRI					19	19
9:00 AM	88		88	85		85	94	85	0	CRI						22
9:30 AM	96		96	89		89	94	89	0	CRI						
10:00 AM	88		88	87		87	120	87	0	CRI						
10:30 AM	92		92	91		91	120	91	0	CRI						
11:00 AM	84		84	90		90	120	90	0	CRI						
11:30 AM	72		72	84		84	120	84	0	CRI						
12:00 PM	88		88	84		84	100	84	0	CRI						
12:30 PM	92		92	84		84	100	84	0	CRI						
1:00 PM	92		92	86		86	100	86	0	CRI						
1:30 PM	88		88	90		90	100	90	0	CRI						
2:00 PM	96		96	92		92	100	92	0	CRI						
2:30 PM	88		88	91		91	100	91	0	CRI						
3:00 PM	92		92	91		91	100	91	0	CRI						

FIG. 10A



PROPAGATED CRI													
9:30 AM	10:00 AM	10:30 AM	11:00 AM	11:30 AM	12:00 PM	12:30 PM	1:00 PM	1:30 PM	2:00 PM	2:30 PM	3:00 PM	3:30 PM	4:00 PM
24													
19	19												
22	22	22											
24	24	24	24										
	22	22	22	22									
		23	23	23	23	21							
			21	21	21	21	21						
				18	18	18	18						
					22	22	22	22					
						23	23	23	23				
							23	23	23	23			
							22	22	22	22	22		
									24	24	24	24	
										22	22	22	22
											23	23	23

FIG. 10B

PERIOD	CRF	CRA	CRI	CHF	CHA	PreCHI	CHS	CHI	CARRY OVER	CRA/ CHI?	PROPAGATED CRA OR CRI					
											6:30 AM	7:00 AM	7:30 AM	8:00 AM	8:30 AM	9:00 AM
6:30 AM											25	25	25	25		
7:00 AM												23	23	23	23	
7:30 AM													20	20	20	20
8:00 AM	96	104	100	92	90	94	94	92	2	CRA				26	26	26
8:30 AM	76	92	80	86	82	92	94	94	12	CRA					23	23
9:00 AM	88	96	92	85	80	93	94	105	25	CRA						24
9:30 AM	96	112	100	89	84	101	94	126	42	CRA						
10:00 AM	88	100	92	87	81	100	120	142	61	CRA						
10:30 AM	92	108	96	91	80	104	120	165	85	CRA						
11:00 AM	84		88	90		102	120	187	67	CRI						
11:30 AM	72		76	84		93	120	160	40	CRI						
12:00 PM	88		92	84		91	100	131	31	CRI						
12:30 PM	92		96	84		88	100	119	19	CRI						
1:00 PM	92		96	86		90	100	109	9	CRI						
1:30 PM	88		92	90		94	100	103	3	CRI						
2:00 PM	96		100	92		96	100	99	0	CRI						
2:30 PM	88		92	91		95	100	95	0	CRI						
3:00 PM	92		96	91		95	100	95	0	CRI						

FIG. 11A

FIG. 11B

PROPAGATED CRA OR CRI													
9:30 AM	10:00 AM	10:30 AM	11:00 AM	11:30 AM	12:00 PM	12:30 PM	1:00 PM	1:30 PM	2:00 PM	2:30 PM	3:00 PM	3:30 PM	4:00 PM
26													
23	23												
24	24	24											
28	28	28	28										
	25	25	25	25									
		27	27	27	27								
			22	22	22	22							
				19	19	19	19						
					23	23	23	23					
						24	24	24	24				
							24	24	24	24			
								23	23	23	23		
									25	25	25	25	
										23	23	23	23
											24	24	24

FIG. 11B